

CONTRACT INSP. ION REPORT			CONTRACT NO.		TASK NO.		
TO:			DATE 18 February 1989				
			INSPECTION REPORT NO. (If final, so state)				
			ESTIMATED COMPLETION DATE				
NAME OF CONTRACTOR							
Declass Review by NGA.							
TYPE OF COMMODITY OR SERVICE Prototype Split-Format 1940 Light Table with Mount for Various Microscopes							
THE CONTRACTOR IS ON SCHEDULE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS <input type="checkbox"/> YES <input type="checkbox"/> NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.				
PER CENT OF WORK COMPLETED 100%							
PER CENT OF FUNDS EXPENDED 77							
HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (If yes, give details on reverse side.)							
HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If yes, indicate items, quantity, and cost on reverse side.)							
INCENTIVES							
IS THIS AN INCENTIVE CONTRACT IF YES, CHECK TYPE <input type="checkbox"/> COST <input type="checkbox"/> AWARD FEE <input type="checkbox"/> PERFORMANCE <input type="checkbox"/> DELIVERY			NOTE: USE REVERSE SIDE FOR COMMENTS. FINAL REPORT MUST CONTAIN INCENTIVE EVALUATION.				
OVERALL PERFORMANCE OF CONTRACTOR							
1. <input type="checkbox"/> OUTSTANDING 4. <input type="checkbox"/> ABOVE AVERAGE 7. <input type="checkbox"/> UNSATISFACTORY							
2. <input type="checkbox"/> EXCELLENT 5. <input type="checkbox"/> AVERAGE							
3. <input type="checkbox"/> VERY GOOD 6. <input checked="" type="checkbox"/> MINIMUM ACCEPTABLE							
IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR MINIMUM ACCEPTABLE INDICATE REASONS ON REVERSE SIDE.							
RECOMMENDED ACTION							
<input type="checkbox"/> CONTINUE AS PROGRAMMED <input checked="" type="checkbox"/> WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE							
<input type="checkbox"/> CLOSE OUT <input type="checkbox"/> OTHER (Specify)							
IF THIS IS A FINAL REPORT PUT COMMENTS ON REVERSE IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:							
ITEM		REC'D	DOES NOT APPLY	ITEM		REC'D	DOES NOT APPLY
PROTOTYPES				MANUALS			
DRAWINGS AND SPECIFICATIONS				FINAL REPORT			
PRODUCTION AND/OR OTHER END ITEMS				SPECIAL TOOLING			
				OTHER GOVERNMENT PROPERTY			
DATE OF LAST CONTACT WITH CONTRACTOR 18 February 1989							

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NARRATIVE REPORT

☒ INTERIM☐ FINAL

1. Prototype light table received in on 2/6/69. 25X
2. Operating and maintenance manual, and electrical schematic diagram yet to be received.
3. Performance of contractor is minimal acceptable because they did little or no work on the contract until after the contractual date of delivery of the prototype and then was able to complete fabrication of the instrument in three or four weeks.
4. The light table is presently undergoing T&M.
5. Despite the poor performance of the Contractor with respect to meeting contractual delivery dates, the technical quality of the prototype when delivered was entirely satisfactory.

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10 February 1969
02288

FAULTS DISCOVERED IN 1540 LIGHT TABLE

1. Light flicker both sides
2. Film take-up mechanism slips (Corrected)
3. Wrong direction on switch for right rear film drive (Corrected)
4. Slip clutch ^y -direction carriage noisy
5. Elevating mechanism vibrates during lowering of table
6. Elevating mechanism lifts unevenly
7. Minimum light level approximately 150 foot lamberts and not 75
8. Detents sloppy
9. Light gradient excessive

PRELIMINARY COMMENTS ON 1540 LIGHT TABLE

Film Drive:

Nice - different feel, but PI will like once he becomes accustomed to it.

Prefer mechanical hand crank because of more precise control.

Can't scan with crank.

Crank rough at slow speed.

Add lock on film null position - perhaps by pulling out on film speed control knob.

Carriage (Optics) Drive:

The PI should really like this.

Unnecessary

Drive motor noisy

Switch handle too short

Use push button rather than bat-handle switch

Table Elevation:

Motorized table elevation unnecessary
Great
Lower limit of table height too high
Upper limit is fine - for various reasons

Wall Stand-offs:

Rub against wall when raising table.
Bumpers may put hole in wall--locate near baseboard.
Bumpers weak--make more rugged.

Controls:

Location very nice--have been human-factored.
Levers for opening tables get in way.
Make film take-up knob different from right film drive crank knob.

General:

Very nice table.
The Cadillac of light tables.
Perhaps there is a need for a less complicated table as a basic table,
with options.
Coolant level tubes should be visible from front or sides.
Spare fuses unsightly--enclose.
Use circuit breakers rather than fuses.
Enclose all drive chains
Add slack take-up device to drive chains.
Films rub together in split-vertical mode with tables closed.
Replace pan head screws on lower film reel guards with flat-head screws
Add limit switch or slip clutch on upward motion of focusing drive
Different clips on bottom panel of light box.

For every negative comment, of course, there were several others who looked at the same things and found no fault.